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PATENT
Docket No.: 2089/102 (MCA-517)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Willem Kools

Serial No. : 10/635,736

Cnfrm. No. : 8844

Filed : August 6, 2003

For : PROCESS OF FORMING MULTILAYERED
STRUCTURES

)
) Examiner:
) To Be Assigned

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) Art Unit:
) 1723

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98


Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office, the references listed on the attached PTO-1449 form.

Respectfully submitted,

Date: January 10, 2005

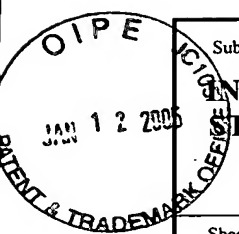

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1/10/05 Mary G. Anderson

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Sheet	1	of	2	Application Number	10/635,736
				Filing Date	August 6, 2003
				First Named Inventor	Willem Kools
				Art Unit	1723
				Examiner Name	To Be Assigned
				Attorney Docket Number	2089/102 (MCA-517)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US-4,666,607	05/19/1987	Josefiak et al.	
	2	US-4,774,039	09/27/1988	Wrasidlo	
	3	US-4,933,081	06/12/1990	Sasaki et al.	
	4	US-5,013,339	05/07/1991	Mahoney et al.	
	5	US-5,489,406	02/06/1996	Beck et al.	
	6	US-5,514,461	05/07/1996	Meguro et al.	
	7	US-5,626,805	05/06/1997	Meguro et al.	
	8	US-5,736,051	04/07/1998	Degen et al.	
	9	US-5,834,107	11/10/1998	Wang et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	10	WO 93/22034	11/11/1993	Pacheco et al.		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
				Application Number		10/635,736	
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				First Named Inventor		Willem Kools	
				Art Unit		1723	
				Examiner Name		To Be Assigned	
Sheet	2	of	2	Attorney Docket Number		2089/102 (MCA-517)	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	11	Cohen, "Two-Layer Slot Coating: Flow Visualization and Modelling," Thesis, University of Minnesota, December 1993	
	12	Gröbe et al., "Ein neues Prinzip für die Herstellung von asymmetrischen Polymermembranen," <i>Acta Polymerica</i> 30:62-63 (1979)	X
	13	Gröbe et al., "Multilayer Membranes I. A New Type of Asymmetric Synthetic Membranes," <i>Synthetic Polymeric Membranes</i> , Ed. B. Sedlacek, J. Kahovec, Walter Gruyter & Co., Berlin, (1987)	
	14	Hiatt et al., "Microporous Membranes Via Upper Critical Temperature Phase Separation," <i>Materials Science of Synthetic Membranes</i> , ed., D.R. Lloyd, American Chemical Society, Washington, D.C. (1985), p. 229-244.	
	15	Taylor, "Two-Layer Slot Coating: Study of Die Geometry and Interfacial Region," Thesis, McMaster University, July 1997	
	16	Taylor et al., "Visualization and Flow Simulation of a Two-Layer Slot Coater," <i>Chemical Engineering Science</i> 54:909-918 (1999)	
	17	Weigel et al., "Bikomponentenmembranen II. Herstellung von Bikomponentenmembranen unter Einsatz einer Bikomponentenbreitschlitzdüse," <i>Acta Polymerica</i> 40:734-740 (1989)	X
	18	Weigel et al., "Bikomponentenmembranen III. Diffusion und Strukturbildung bei der Koagulation von Polymerlösungen unter Einsatz einer Bikomponentenbreitschlitzdüse," <i>Acta Polymerica</i> 41:124-131 (1990)	X
	19	Weigel et al., "Bicomponent membranes. IV. Influence of Membrane Formation Principles on the Structure of the Active Layer of Membranes," <i>Acta Polymerica</i> 42:366-371 (1991)	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.